

Urban Area Transportation Study Is Begun In Environs

Early in 1966, the City of Oak Ridge requested the Department of Highways to participate in the prosecution of a transportation study of the area. The Department suggested that Clinton be invited to participate in the study as some preliminary data had been collected in that city and officials from both cities agreed to cooperate in a joint study. On November 25, 1966, the chief administrative officers of each participating agency and the Director of the Tennessee State Planning Commission executed a memorandum of understanding setting forth the area of responsibility for each agency.

It was agreed that the Clinton-Oak Ridge Urban Area Transportation Study would be conducted in accordance with the guide "Better Transportation for your City" and the related manuals published by the National Committee on Urban Transportation. The objectives of the study were defined as:

- An integrated system of highways, streets and terminal facilities that would adequately serve existing and anticipated transportation needs would be developed.

- Cost estimates would be prepared and priorities would be established for implementation of the major thoroughfare plan.

- A functional relationship between administrative - financial policies and the development of transportation and economic growth would be created.

- A fully documented report that could be used as the base for initiating a continuing planning process for transportation and economic needs in the area would be presented.

The Department of Highways in cooperation with the Bureau of Public Roads assumed responsibility for the following phases of the study.

1. An origin-destination survey.
2. An inventory of parking space and cordon count to determine usage and vehicle accumulation in the Downtown Business Districts.

3. A comprehensive vehicular count on all roads and streets in the study area.

4. A physical inventory of all streets and roads in the area.

5. An analysis of all phases of the study.

6. A comprehensive report of the existing and projected design year (20 years hence) transportation facts.

7. Development of an adequate and feasible major thoroughfare with estimates of cost and recommended implementation priorities.

8. Development of a traffic operations plan.

The cities of Clinton and Oak Ridge assumed responsibility for providing the following information:

- An existing land use map.
- Tabulations showing present and future floor and land areas for the various land uses by traffic zones.

- Maps depicting the foregoing data.

- Other maps, charts, records, directories, etc., that would aid in the data collection and/or analysis phases of the study.

The local units or government also assumed responsibility for the following studies as they relate to transportation planning, establishment of priorities and plan implementation:

1. Street and highway accidents.
2. Laws and ordinances.
3. Local administration.
4. Local finances.

5. Development of priorities for construction.

6. Maintenance of physical inventory of all streets.

7. Program for implementation of the Transportation Plan.

The City of Oak Ridge has made office space available for the Department's personnel that will be supervising the data collection phase of the study. This office will be located in the Municipal Building and will be occupied for approximately five to six weeks.

UT Agreement

On November 25, 1966, the Department of Highways entered into a contractual agreement with the University of Tennessee, Department of Civil Engineering for the analysis, plan development and report phases of the study.

Subsequent to the date of formal execution of the Memorandum of Understanding and contract with the University each participating agency has been actively engaged in assembling data necessary for the prosecution of the study.

To date the town of Clinton

Continued on Page 4

June Set Aside As Home Accident Education

June has been set aside by the Y-12 Safety Department as a time to concentrate on off-the-job accidents. Y-12ers are far safer at work than they are at home, at play, or on the highways.

But since we can't spend all our time in the plant for protection, we do the next best thing. We try an educational program to try to cut down on those accidents that claim our time, our money, our well-being, and sometimes, our lives.

N.C.'s Schroeder Is Physics Seminar Guest

Dietrich Schroeder, University of North Carolina, will conduct this week's Physics Division seminar. His subject will be "Mossbauer Spectra of Microcrystals."

The seminar is set for Friday, April 28, at 3:15 p.m. in the East Auditorium of ORNL's 4500 building.



A. ALFERD, C. F. BLAHA, OTIS VERMILLION AND R. L. McIlwain, from left to right, receive certificates for satisfactorily completing a lecture course on modern joining processes. The course was sponsored by the Northeast Tennessee section of the American Welding Society, and the certificates were presented by C. L. Estes, right, president of the local chapter.

Sales, Earnings Down For Quarter

Birney Mason Jr., chairman of the board of Union Carbide Corporation, indicated last week that the first-quarter will not reach the record sales and earnings achieved in the first quarter of 1966.

Although final figures will not be available until later this month, it now appears that sales did not quite reach last year's levels, and earnings will probably be reduced by more than 20 per cent.

In commenting on current operations, Mason stated, "During the first quarter we have been adjusting to substantially reduced economic activity, accompanied by inventory reductions in the automotive, steel, and textile industries. These are among Union Carbide's important customers for chemicals, plastics, industrial bases, metals, and carbon products. First-quarter performance was also affected by a series of labor disputes which carried over from 1966 into this year. This situation has now been substantially resolved by contract settlements reached in recent weeks."

The corporation has continued its long-range program of investment in production facilities and many of these new plants will be coming on-stream during the remainder of this year. This additional capacity will make it possible to shut down older plants which have been operating at uneconomically high rates in order to meet customer requirements. Also, purchase of products from outside sources for resale to customers can be materially reduced. "It is difficult to predict what may be expected during the remainder of the year," Mason said. "But if general business conditions show improvement rather than further weakening, we would expect an improving trend."

Y-12ers Complete Lecture Courses On Modern Joining Processes Here

A group of Y-12 employees recently completed a lecture course on modern joining processes.

The course was sponsored by the Northeast Tennessee Section of the American Welding Society. C. L. Estes, chairman of the local AWS chapter, awarded certificates to the graduates, indicating satisfactory completion of the course. (Estes is in Y-12's Metallurgical Development Department.)

Y-12ers participating in the course included A. Alferd, Quality Liaison; Otis Vermillion, Metallurgical Development, Lewis C. Watson and A. D. Justus, General Weld Shop; and L. L. Pool who is in the TAT program in Y-12.

A total of 43 students attended the classes, taught by J. J. Prisliger, Oak Ridge National Laboratory.

The main joining processes

Day-Light Savings Time Starts Sunday

Y-12ers, with the rest of the state and nation, will lose an hour's sleep come Sunday, April 30. At 2 a.m. timeclocks will be advanced one hour to usher in Daylight Savings Time.

The shift for employees who are at work at the time of this change will end at their usual clocktime on Daylight Savings Time rather than on a standard time basis. That is, the work schedule for those who report in at 11 p.m. Saturday, April 29, will end at 7 a.m. EDT, Sunday, April 30. All shifts scheduled to start after the time change will begin and end work on Daylight Savings Time.

We will operate on this time schedule, until standard time goes back on at 2 a.m. Sunday, October 29.

covered in the course were solid state bonding, electron beam welding, friction welding, ultrasonic welding and the welding of plastics. Areas related to each process, economics, applications and safety.

The AWS attempts to keep abreast of developing and changing technology in the field, and pass it on to local employees in the trade.

K-25 Readies Hex Bound For Spain

The Oak Ridge Gaseous Diffusion Plant (K-25) is preparing \$5,500,000 worth of enriched uranium for a nuclear power plant under construction in Spain. C. A. Keller, director of the production division of the AEC's Oak Ridge Operations, said approximately 71,000 pounds of uranium hexafluoride, enriched to between 2.4 and 3.6 per cent in uranium-235, will be shipped from Oak Ridge between now and July.

The enriched uranium is being provided under the Agreement for Cooperation between the United States and Spain concerning the peaceful uses of atomic energy signed in 1957.

The nuclear material will be shipped to Nuclear Fuel Services, Inc., Erwin, Tennessee, for preliminary processing. Westinghouse Electric Corporation will fabricate fuel elements from the material at its Cheswick, Pennsylvania, facility.

PRODUCTION UP

Factory output doubled in the past 15 years, as has capacity, the Federal Reserve Board reports. Meaning: Production has grown as much in 15 years as it did in the previous 150!

SAFETY SCOREBOARD

The Y-12 Plant Has
Operated
Nine Days Or
212,000 Man-Hours
(Unofficial Estimate)
Through April 23
Without A Disabling
Injury
Working Safely Is
Very Smart Business

The Bulletin

Published Weekly For The
Y-12 Employees Of
UNION CARBIDE
CORPORATION



NUCLEAR DIVISION

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American Association Industrial Editors

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Miss Carol Anne Coling

COLING — BELEW

Mr. and Mrs. Leo Edward Coling, Route 20, Knoxville, announce the engagement of their daughter Miss Carol Anne Coling to Mr. Richard Bernard Belew, son of Mr. and Mrs. John Richard Belew, 123 Bermuda Road, Oak Ridge.

Both fathers are employed in Y-12 in the General Machine Shop. Coincidentally, they both came to Y-12 on the same day, February 26, 1951!

Miss Coling is a junior at St. Mary's Memorial Hospital School of Nursing. The groom-to-be received his BS degree from the University of Tennessee in nuclear engineering and is now employed by the General Electric Company, Cincinnati, Ohio.

The wedding will take place Saturday, May 13, at the Immaculate Conception Church, Knoxville.

'Absence of Cello' Sets Friday Opening

A family trying to pose as low-brows for a corporate personnel representative provides the delightful setting for "The Absence of a Cello." The Oak Ridge Playhouse production is set for Friday, April 28, and again Saturday, April 29. The following weekend, May 4, 5, 6, and 7 will also see the delightful comedy.

See Ira Wallach's bright tale of a highly literate family and how they fail in their pose to enjoy television and the Reader's Digest.

Tickets are available at the Playhouse box office, Jackson Square.

Safety Zeroing In On Home Safety

Industrial organizations have long been concerned for the pain, suffering and cost of occupational injuries to their employees. In more recent years, the impact of accidents to employees enroute to the job, on vacation, or in other away-from-the-plant activities has become a major factor. This becomes a realistic managerial concern when related to personnel needs, fringe benefits, employee training or re-training, vacation scheduling, and other policy or procedural determinations.

Note the following data with respect to accident experience of Y-12 personnel during the past two years:

OFF-THE-JOB DISABLING INJURIES

	1965	1966
Auto	31	28
Home	72	34
Public	11	9
Total	114	71
Days Lost	9,679	7,898
Fatalities	1	1

Our own management in Y-12 has placed considerable emphasis and support of off-the-job promotional efforts. During at least one month of the calendar year, a full program emphasis is devoted to safety, accident prevention, or loss control as related to travel, home activities, school or recreational functions, and hobbies (home shops, gardening, cattle farming, and such).

Some of the very fine films have been utilized in these programs in recent years are available for church, civic, and/or school sponsored meetings. There are eight such films now available in the Safety library.

Any employee or group interested in using a film should contact the safety department office, telephone extension 3-7741.

The 16mm films now available for loan are:

- Accidents Don't Just Happen (Color) 18 mins.
- Before It's Too Late (Color) 14 mins.
- Mechanized Death (Color) 28 mins.
- No Defense, 15 mins.
- The David Hall Story (Color) 25 mins.
- Wheels of Tragedy (Color) 28 mins.
- When Sally Fell, 15 mins.
- Why Daddy?, 15 mins.

Landscapes Competition For Cameras In May

The next meeting of the Carbide Camera Club is set for Tuesday, May 9, at 8 p.m. at Cheyenne Hall. Guest speaker will be Dennis Weaver of the Tennessee Divers and Tropical Fish, Knoxville. He also teaches scuba diving at the YMCA. Weaver will show underwater slides taken in the Bahamas, as well as demonstrate diving equipment and underwater camera usage.

Monthly competition for May is "Landscapes." Entries should be turned in by next Monday, May 1.

Camera Club classes on basic photography will be discontinued for a few weeks. A resumption date is to be announced.

Membership dues are being taken now by Jeri Kobisk, secretary-treasurer. The dues are \$30 per year per employee, and \$1 per person for each additional member of the family.

WHAT IS TACT?

Tact is saying the right thing at the right time. Wisdom is not saying anything when the occasion so demands.

E. F. Leach Dies Tuesday, April 18

The death of Everette F. Leach, H-2 Foundry, is sadly marked. Mr. Leach died in the Oak Ridge Hospital Tuesday, after suffering an apparent heart attack. He became ill Saturday prior to a fishing trip he had planned.

A native of Lake City, Mr. Leach came to Y-12 June 22, 1959, after working with Management Services and Maxon Construction Company. He had also been with Kaighin and Hughes and Rust Engineering before coming here.

The Leach home is at 106 Anna Road, Oak Ridge.

Surviving are his wife, Mrs. Grace Wiggins Leach; brothers, Albert, Clarence and Bert, all of Lake City; Newton, of Clinton; and sister, Mrs. Edna McCollough, Oklahoma City, Oklahoma.

Mr. Leach was a member of the Masons.

Funeral services were held Thursday at 10 a.m., April 20 at the Martin Funeral Chapel. Burial followed in East Burnstead, Kentucky.

Sincere sympathy is extended the Leach family.



The lazy days of May are here now . . . and several Y-12ers observe important milestones with Union Carbide Corporation. Congratulations.

20 YEARS

Jerry C. Hastings, Fire Prevention Department, April 28.

George F. McPherson, Guard Department, April 28.

Chauncey W. McCollum, Material Procurement Department, May 1.

15 YEARS

Jo Ann B. Isham, Superintendents' Division, April 28.

Spurgeon H. Guy, Dispatching Department, April 30.

Arville G. Hardwick, Fire Department, April 30.

Claude H. Laughlin, Buildings, Grounds and Maintenance Shops, May 2.

Bobby Steele, A-2 Shops, 9212, May 2.

10 YEARS

James F. King, Area Five Maintenance, May 1.

Lawnmower Tips Given As Spring Flourishes

A springtime fire safety tip for homeowners from the National Fire Protection Association is this:

When you fill the tank of that power lawnmower, be sure to treat gasoline with respect. Remember it gives off flammable vapors which need only a tiny flame or spark to turn into searing fire or dangerous explosion.

So do all refueling outdoors where the dangerous vapors can't accumulate. Keep away from all ignition sources, and observe a strict no smoking rule. Wipe up all spilled gasoline before starting the motor.

Finally, keep your gasoline in a tight-closing metal can — never in a glass jug or bottle.

E. C. Brown, C. A. Cox And A. H. Coling To Retire

Two Y-12ers mark retirement dates on their calendars Friday, April 28, as Elmer C. Brown, A-2 Shops, 9212; and Columbus A. Cox, Utilities, see normal retirement. Electing early retirement this month is Adolph H. Coling, Area Five Machine Shop.

Elmer C. Brown, a Y-12er since November 9, 1953, is a native of Livingston. He spent his early life in farming and mining work . . . working with the Meadow Creek Coal Company, Monterey, the Kemmerer Coal Company and the Central Coal Company, also in Monterey. He worked briefly in the early days of Oak Ridge with the J. A. Jones Construction Company, and with the Pittsburgh Plate Glass Company, Barberton, Ohio, during the early days of the war.

Retiree Brown is married to the former Ruth Young Cross, and has three daughters and one son. One daughter, Shirley Humphrys, is in Y-12 Stores, and the others, Mrs. Mary Mitchell and Martha Mitchell live in Birmingham, Alabama; and Barberton, Ohio, respectively. The son Robert B. Brown lives in Chattanooga. Brown also boasts five grandchildren.

The Browns live at Route 3, Oliver Springs. And the retiree plans to continue living there, catching up on the work and loafing.

Columbus A. Cox, Utilities, actually spent two stints in Y-12 . . . the first during the first days . . . and the second on his return August 24, 1950.

A native of New Tazewell, Cox farmed in his early youth. From 1920 until 1926 he worked with the Pulaski Iron Company, and from 1926 until 1929 he was with the Goodyear Tire Company, Akron, Ohio. He worked at Cherokee Dam with the Tennessee Valley Authority briefly from 1941 until 1942.

The retiring Cox lives at Route 2, Emory Road, Knoxville. Mrs. Cox is the former Beatrice Bulard . . . and they have a daughter, Mrs. Donna Killion, Knoxville; and a son, Alfred E. Cox, Ft. Benning, Georgia. Young Cox is making the Army a career. The Coxes also boast four fine grandchildren.

Future plans include travel, a little fishing, and a lot of loafing. Cox has been a sales representative for the Norris Trailers, which specialize in house trailers, campers, and the like. Now he hopes to be able to try out his products himself.

Taking early retirement this month is Adolph H. Coling, Alpha Five Machine Shop. Coling is a native of Woburn, Illinois . . . and worked from 1922 until 1950 with the Pet Milk Company, Greenville, Illinois. He came to Y-12 April 24, 1950.

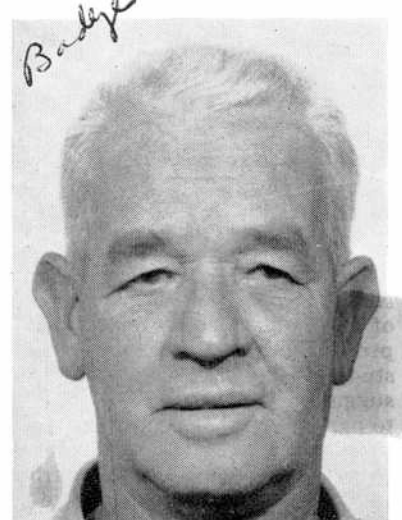
Mrs. Coling is the former Dorothy O'Brien, and the couple lives at 134 Georgia Avenue, Oak Ridge. They have a daughter, Barbara, who teaches school in Nashville.

Retirement plans will be played "by ear" according to Coling. This country is "pretty hard to beat" so Oak Ridge will be headquarters, with two or three months travel a year thrown in . . . especially to Florida.

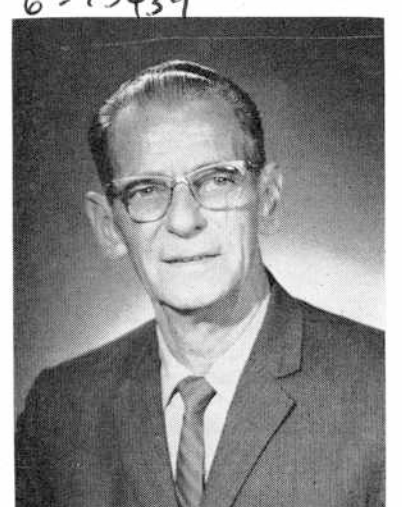
Best wishes to all three of April's retirees.

RUBBISH FIRES

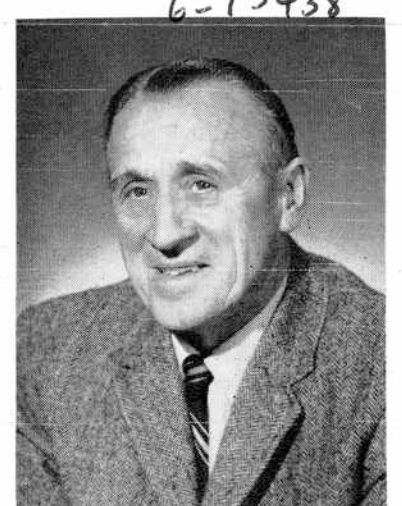
Every 12 minutes a home in this nation is destroyed or damaged by a fire starting in rubbish, National Fire Protection records show.



Elmer C. Brown
6-13439



Columbus A. Cox
6-13438



Adolph H. Coling

'Elijah' Oratorio Last ORCMA Concert

The Oak Ridge Community Chorus and Orchestra under the direction of Franklin Choset will present Mendelssohn's "Elijah" at the high school auditorium on Saturday, April 29, at 8:15 p.m. The performance will be the last one of the season in the regular ORCMA series.

Vocal soloists for the concert will be George McFadin, William Albrecht, Douglas Goode, Fred Johnson, Rusty Stephens, Joyce Wildenthal, Kay Hamrick, Frances Parker, and Lyndsay Denton.

ORCMA season ticket holders will find this concert included in their subscriptions. Advance tickets may be purchased from chorus and orchestra members, and tickets will be sold at the box office the night of the concert.

HIGH COST OF BOOZE

Alcoholism costs employers more than \$7.5 million every working day, or \$2 billion a year, says Occupational Hazards magazine.



THE BIG FIVE AT TOP and the Parbusters wind up the C Bowling League's gallery for the year. The Big Five are Joe Pryson and Norm Jarvis seated . . . standing are Curt Ridings, Ed and Billy Sise. The Parbusters, from left, are H. C. Nichols, captain; Frank Thurman, Joe Beaver, Herm Butler and Paul Trebelcox.

'Play Ball', Cry Is Heard Monday

The 10-team league of the Softball crowd gets play underway beginning next week. (A schedule appears in the Recreation Calendar.) Play will take place at 6:15 p.m., 7:30 and 8:45 each Monday, Tuesday and Thursday at Pinewood Park.

Another league from Oak Ridge National Laboratory gets underway. (There were too many teams to incorporate into one league.) A play-off between the winners will determine the Carbide Champs later this summer.

A total of seven Y-12 teams make up the roster. They are, with managers and assistant managers: FLYERS, J. L. Harris, Ted Burger; BIG SHOPS, F. K. Clabough, H. M. Monday; BAT BOYS, B. C. Simms, Romeo Greene; BRAVES, W. D. Phillippi, Bobby Hopkins; FALCONS, Fred Jeffers, Jack Anderson; PIRATES, George McPherson, W. D. Stinnett; and the EAGLES, Hugh Richards and Tom Watts.

Three K-25 teams will play in this league . . . the K-25 Sports, the K-25 Mets, and the K-25 Slugs.

Melton Hill Golf League Is Planned

There's good news afoot for Y-12 golfers. Recreation is organizing a Golf League for the summer.

The league will play at Melton Hill Country Club (across the lake) on Monday or Wednesday afternoons around 5:30. (Members will not have to pay any greens fees . . . non-members may play the front nine for \$1.50.)

The league is open to any Y-12er . . . and twosomes will be matched against one twosome.

Call your two names in today to Recreation, extension 3-7109.

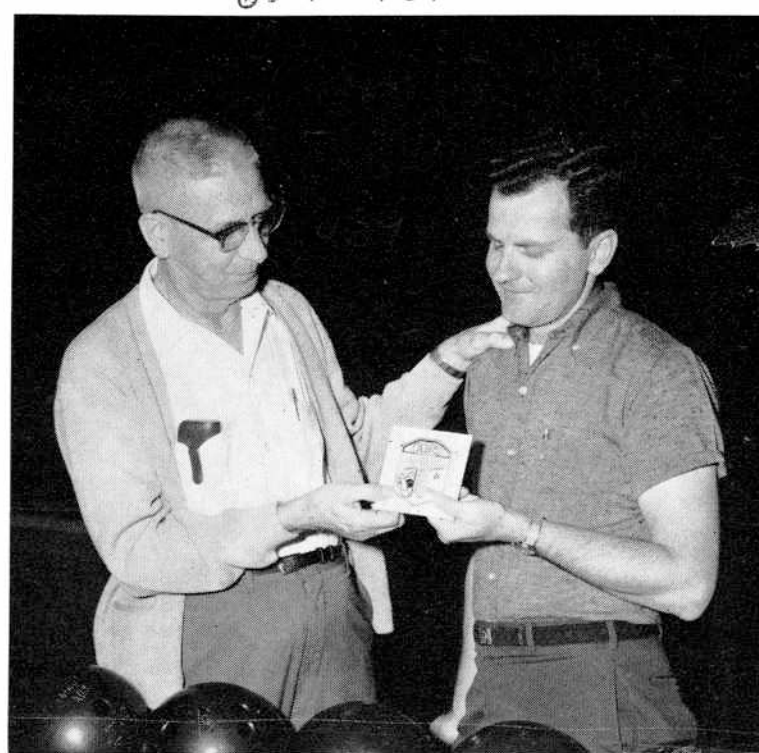
A minimum of eight teams (16 golfers) is needed to get underway; but more can be added.

There hasn't been a golf league in the plant for some years . . . now's a good chance to get them started again.

Only the front nine at Melton Hill will be played.

USGA rules will govern league play.

Each pair of golfers will play



BILL STEPHENS, BUMPERS, bagged a three-game series on March 16 . . . all with the same score, 177! The triplicate score won Bill a coveted patch from the American Bowling Congress. Roy Roberts, secretary of the Classic League, left, presents Bill his arm-patch.

Scrubs Take Second Volleyball League Spot

The Scrubs of ORNL took the runner-up spot in the Carbide Volleyball League by trouncing the Set-Ups, also of ORNL, in a best four of seven play-off.

Y-12's Beavers took the league Championship by copping both halves.

The Set-Ups finished second in the first half and the Scrubs took the same in the second half. Thursday night's encounter found the Scrubs taking the first game 15-5, the Set-Ups then roared back and took a "squeaker" 15-13. The Scrubs bounced back and took the third game, 15-10 and then "breezed on" to victory by taking the next two 15-5 and 15-7. Thus, with a four of five, the Scrubs became undisputed Runner-Up in a most successful and enjoyable volleyball season.

competition twice in the league's span. Action would be expected to get underway early in May.

So time's awasting! Get your two names into Recreation now.

Park Reservations? Call Recreation

Reminder. All activities planned at the Carbide Park are to be reserved through the Y-12 Recreation Department. Call 3-7109 for space reservations for that next outing at the Park.

Archery League Fires 1st Arrows Tomorrow

The Carbide Archery League will commence firing tomorrow, Thursday, April 27. There will be two relays each Thursday, one at 5:15 p.m., and another at 8:15. There will be no make-up firing, so archers are to be on time.

The six-weeks sections will begin May 4, June 15, and July 27. Handicap firing will determine winners, so novices are welcomed into the ancient art.

R. B. Wright, extension 3-5445 can supply further information.

Compensation can never take the place of a perfectly good arm.

Recreation



Saturday, April 29

GOLF TOURNAMENT: First of Season. Wallace Hills, Maryville. Tee-off from 6:30 a.m. on.

Monday, May 1

SOFTBALL: Beginning 6:15 p.m. Pinewood Park, 7:30 and 8:45. Flyers vs. Falcons; Big Shops vs. Eagles; K-25 Mets vs. K-25 Slugs.

PHYSICAL FITNESS: (For Women) 7 p.m. Oak Ridge High School Girls' Gym.

Tuesday, May 2

SOFTBALL: 6:15, 7:30, 8:45 p.m. Pinewood Park, K-25 Sports vs. Bat Boys; Braves vs. Pirates; Flyers vs. Eagles.

PHYSICAL FITNESS: (For Men) 7:30 p.m., Oak Ridge High School Gym.

Wednesday, May 3

CARBIDE RIFLE LEAGUE: 7 p.m., Clinton Rifle Range.

Thursday, May 4

SOFTBALL: 6:15, 7:30, 8:45 p.m. Pinewood Park, Falcons vs. K-25 Slugs; Big Shops vs. Bat Boys; K-25 Mets vs. Pirates.

Summer Sports Planned For Interested Y-12ers

Summer sports are in the making for Y-12. The softball league gets underway next week . . . practice is already in progress. Golf tournaments are set for the next four months (including an April 29th meeting).

Calls are out for tennis players, hoss-shoe pitchers, and the like.

Rounders Keep Thin C Alley Edge

A roll-off for the C Bowling League . . . is it "to be or not to be?" The Rounders and Badgers are nip-and-tuck in the league's last half. (The Badgers won the first half . . . and should they take the position roll-off this week . . . no roll-off for league championship will be needed.) But if the Rounders win . . . the two teams will have to face each other again!

Three-point wins were the news of the week last week as the Strikers sank the Rollmasters, the Big Five floored the Parbusters, the Fireballs sped past the Rodders, the HiLifers hampered the Badgers, the Invalids invalidated the Rounders and the Royal Flush rolled by the Sunflowers.

Ed Croley, HiLifers, rolled a 224 scratch game, 248 handicap single. Jim Householder, Strikers, struck a 577 scratch series. Frank Adams, HiLifers, hit a 654 handicap series.

Team honors were swept by the HiLifers, rolling singles of 894 scratch, 1052 handicap . . . series of 2557, 3031.

League standings follow:

Team	W	L
Rounders	34	22
Badgers	33	23
Strikers	32	24
Big Five	30	26
Fireballs	30	26
HiLifers	29½	26½
Sunflowers	27	29
Rodders	26	30
Parbusters	25	31
Invalids	24	32
Royal Flush	23	33
Rollmasters	22½	33½

If you haven't called Recreation yet to get your name in the pot, that number is 3-7109.

Call today.



Y-12'S SMILING BEAVERS, the best in the Volleyball League, took their trophies home, ending the three-plant volleyball play for the year. From left are George Reece, C. R. McGinnis, Bob Culton, George Duncan and Rick Hull. Not pictured are Charlie Dunn, ORNL, and Jim Shoemaker, K-25. The Beavers, winners of both the first and second halves of the league, won a total of 85 games . . . and lost only three!



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NUCLEAR DIVISION
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Urban Area Transportation Study Begun By Cities Of Clinton, Oak Ridge

Continued from Page 1

through the Tennessee State Planning Commission and the City of Oak Ridge, Regional Planning Commission have completed a comprehensive dwelling unit count and provided a tabulation of dwelling units by traffic zone. The Department has completed a comprehensive land use survey for the area not covered by the local planning agencies inventory. The inventory of dwelling units and land use indicated that there are 14,570 dwelling units in the study area.

UT Prepares Maps

The University of Tennessee is in the process of preparing composite base maps from various maps available from the cities, T.V.A., U.S.G.S. and the Highway Department. The University is also selecting a 20 per cent sample of the dwelling units to determine the locations at which a dwelling unit interview will be conducted to determine travel patterns within the area.

The Department of Highways has initiated a traffic count study to determine Average Daily Traffic volumes on each street and

road within the area. Preliminary traffic studies have indicated that there are approximately 50,500 vehicles entering and leaving the study area daily. Recently the Department interviewed locally 29 ladies for temporary employment as interviewers during the data collection phase of the study. These ladies will be going into approximately 2,900 homes in the study area to obtain data relative to travel habits in the study area.

Interviews Started

The interview phase of the study began April 19, and will continue for approximately six weeks. Subsequent to this data a roadside interview will begin and sufficient interviews will be obtained to intercept 95 per cent or approximately 48,000 vehicles entering and leaving the study area. These interviews will be conducted for a 24-hour duration at three locations where routes traversing the area cross the study area boundary. Interviews will be conducted for a 16-hour duration at seven locations along the study area boundary.

Concurrently with the studies, approximately 35 taxi and 1,000 truck operators will be interviewed in order to obtain total travel patterns within the area. Immediately after the initiation of the data collection phase of the study, the University will begin to code the data using numerical codes to identify geographical areas indicated as trip origins and destinations and other information recorded during the interview phase of the study. After completion of the coding process all data will be transferred to IBM cards for analysis.

Mental Health Sets Forum Next Week

"Emotional Problems: Causes and Prescriptions" will be the title of an open forum next Wednesday, May 3, in Oak Ridge. Mrs. Herb Larsen will moderate the program, presented by the Oak Ridge Regional Mental Health Association. The forum will be staged at 7:30 p.m. in the educational building of the United Church. The public is invited.

The list of panel members includes Dr. John F. Byrne, director of the Oak Ridge Mental Health Clinic; Dr. Andrew S. Wachtel, Oak Ridge psychiatrist; Ann R. Wachtel, psychiatric social worker; and Dr. James E. Spicer, minister of the Oak Ridge United Church.

According to Mrs. Larsen, each member of the panel will discuss briefly his particular area of emphasis before the discussion is thrown open to the entire meeting. Dr. Wachtel will discuss "crisis intervention," an area of particular interest to him. Dr. Spicer will speak on tensions and the relation between mental health and religion. Dr. Byrne's topic will emphasize "the learned phenomena" and the extent to which emotional problems are a "learned" experience. Mrs. Wachtel will cover the social aspect of mental health, with particular reference to the Oak Ridge area.

Timing of the forum coincides with Mental Health Week, May 1-7, and is a part of the local organization's effort to publicize sources of help available to people in this area.

Free Boat Inspection At Marina Set Saturday

The Oak Ridge Marina will be the scene of a free boat inspection Saturday, April 29. The inspections will be from 10 a.m. until 4 p.m., and will be conducted by the Coast Guard Auxiliary from Flotilla 12-8.

Each owner whose boat passes inspection will be given a decal to place on his craft for Coast Guard or state inspectors to see.

The program is a part of Flotilla 12-8's water safety program.

Y-12ers associated with this are Flotilla Commander Ben Butler, Training Officer C. R. Williams, and C.M.E. Officer Kenneth Whitehouse. Several other Y-12ers are active members in the flotilla.

Commander Butler said the objective of the inspection was to promote a greater degree of boating safety on the lakes and streams of East Tennessee.

Come out to the Marina and have your boat inspected free.

Don't be a "fall guy." Watch where you are going.



INSULATORS IN BUILDINGS, GROUNDS AND MAINTENANCE Shops have set an enviable safety record through the years. Kneeling from left, are L. E. Redmond and A. R. Melton. Standing in the front row are W. L. Nelson, A. A. Armour, R. W. Miller, J. A. Wallace and E. C. Ward. In the back row are C. L. Williams, G. D. Smallwood, R. L. Kinney, and W. L. Johnson. R. O. Davis was not present for the picture-taking.



Riders wanted from Maryville to any portal, straight day. W. O. Canant, plant phone 3-5445, home phone Maryville 982-8359.

Two car pool members wanted from the Elm Grove section, Oak Ridge, to North Portal, straight day. J. W. Cantrell, plant phone 3-5723, home phone Oak Ridge 483-6378.

Ride wanted from 325 Louisiana Avenue, Oak Ridge, to North Biology Portal, straight day. Norma Bryson, plant phone 3-5858, home phone Oak Ridge 483-8397.

Week Set Aside Honoring Secretaries In USA!

"Focus—Oak Ridge" tonight on Cable TV will announce the "Silver Secretary" for the Oak Ridge Chapter of the National Secretaries' Association.

Incidentally, April 24-30 is National Secretaries' Week all over. Recognition is paid to this vital segment of our business.

The NSA chapter is meeting tonight, Wednesday, April 26, from 5 until 7 p.m. at the Holiday Inn. Mabel Tyer, secretary to H. G. P. Snyder, is president of the local chapter of NSA.

Campers Plan Harrison Bay Outing Saturday

The Talahi Chapter of the National Campers and Hikers Association will meet Saturday, April 29, at Harrison Bay State Park, east of Chattanooga.

The program includes a meeting at 10 a.m., Eastern Standard Time, a tour of the Chickamauga Battleground at 1 p.m., the state meet at 6:30 p.m., and a teen-dance at 9 p.m.

Come early and spend the night, says the NCHA.

Insulators In Department 2014 Set Enviaible Safety Record For Plant!

Another group of Y-12ers has built an enviable safety record through the years . . . a group of insulators in Buildings, Grounds and Maintenance Shops of the Maintenance Division. Since 1947 when statistical records were first kept (when Union Carbide began operations in Y-12) the insulators have not experienced a single lost-time injury, a minimum of serious injuries, and few first aid mishaps.

The group includes O. L. Williams, G. D. Smallwood, R. L. McKinney, W. L. Johnson, R. O. Davis, E. C. Ward, J. A. Wallace, R. W. Miller, A. A. Armour, W. L. Nelson, A. R. Melton and L. E. Redmond.

The outstanding achievement is even more enviable when the type work done by these men is considered: overhead climbing, working in plenums, attics, and out-of-the-way places to insulate piping and other equipment

Credit Union Plans Spring Door Prizes

Members visiting Y-12's Credit Union from today on until June 1 will be able to register for door prizes. Two other subsequent door prizes will be awarded by drawings on July 6, and August 10.

A pair of binoculars, a golf cart, and a beautiful chaise lounge will be given away. Only members are eligible to register for the drawings. The first lucky winner will have his choice of the loot, and on down the list.

The bulletin board at the Credit Union is already in use. Are you using it? You don't have to have business at the Credit Union to register. Just drop by and say "hello."

All the services at Y-12's Credit Union are there for your benefit. Are you using these services to their fullest?

Remember, the Credit Union is yours, use it!

throughout the plant.

All Y-12ers could follow the pattern set by these insulators in the planning of safety into each job, using proper and safe tools, and using tools and equipment in a safe manner.

Hats off to this group who feels that safety is an important part of their job and are carrying out this philosophy in their daily work.

Coast Guard Flotilla For Oak Ridge Area?

A move to organize a Flotilla of the United States Coast Guard Auxiliary is afoot in Oak Ridge. Robert Strawn, division public relations officer, will discuss the possibility at the Captain's Hide-away, Oak Ridge Marina, tomorrow, Thursday, April 27. The informal get together begins at 6 p.m., followed by the meeting at 7.

The auxiliary is a civilian non-military affiliate of the U.S. Coast Guard which offers pleasure boatmen the opportunity to join other skippers in a planned program of self-training, voluntary participation in public service programs, and the fellowship of boatmen with mutual interests.

All interested parties are invited to attend tomorrow's meeting.

Golfers Urged To Be On Time Saturday

Saturday, April 29, heralds the first Golf Tournament of the season. Already scores of foursomes are ready for the big word.

Tee-offs begin at 6:30 a.m. Saturday, at Wallace Hills' greens.

The Recreation Department asks that golfers appear at least 20 minutes before scheduled tee-off times so that the schedule may be observed.

Everybody knows the way to Wallace Hills . . . so come on out Saturday, golfers.